



# Airport Snow Removal Products

## Model 4600-TTB-CRDL

### Tracking Tow Runway Broom with Cradling Broom Head Multi-Function Snow Removal System



- 46" diameter @ 16, 18, 20, and 22 foot broom lengths...Up to 18.0 foot swept path
- HP3 Power package:
  - Caterpillar C13, 475 HP, electronic turbocharged diesel engine, 12.5 liter. Tier 3, Stage IIIA emission certified.
  - 4024 Ft-Lbs of available torque on the broom shaft @ 630 Broom RPM = 86 MPH bristle tip speed
- Dual impeller forced air blower: 23,040 CFM @ 410 MPH
- Stowing (cradling, in-line) broom head design for transport and storage...102 inches width
- Casters lift off the ground when cradled to eliminate damage during transport and to extend caster life
- Hydraulic tilting fiberglass engine enclosure with electric auxiliary motor / pump for service operation and back-up
- 150 gallon fuel tank dedicated for the broom engine for 12 hours of operation
- Free floating, shock absorbing, active weight transfer broom head hitch for improved vehicle and broom dynamics
- Oil bath core center bearings...no greasing
- Integrated MDC (Monitor, Diagnose, Control) controls in chassis for plow and broom
  - Microprocessor CAN (Controller Area Network) serial bus system with color screen display
- 26,000 pound steering axle with ABS brakes controlled by fifth wheel type broom to chassis connection. Closed loop hydraulic controlled steering system with automatic drift control and provisions for centering and disengaging
- Can be towed by any fifth wheel chassis of adequate axle and horsepower ratings
- Plow chassis determines turning radius...Broom always follows.
- Optional automatic broom pattern adjustment, brush RPM ground speed controlled, and rear camera system



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In the interest of continuous product improvement, M-B Reserves the right to change specifications without notice.